

ABSTRACT

An autostereoscopic projection arrangement, comprising at least one projector and at least one filter array which has a multitude of filter elements arranged in columns and rows, in which arrangement bits of partial information from views of a scene or object are projected by the projector(s) onto a projection screen, where there bits of partial information are rendered on image rendering elements and, having passed one or several of the filter arrays, are made visible to at least one observer, and in which, as regards to propagation direction of the bits of partial information, the image rendering elements correspond with correlated filter elements in such a way that an observer will see predominantly bits of partial information from a first selection of views with one eye and predominantly bits of partial information from a second selection of views with the other eye, and thus will have a spatial impression.